



**FILING RECEIPT**

**PLEASE DATE STAMP AND RETURN TO US - BOX 235X**

In re application of

KOSUGI, Yasuhiko

Appln. No.: 10/607,215

Group Art Unit: Unknown

Confirmation No.: Unknown

Examiner: Unknown

Filed: June 27, 2003

For: PRINTING APPARATUS AND INK CARTRIDGE THEREFOR

PAPER(S) FILED ENTITLED:

1. SUBMISSION OF EXECUTED DECLARATION (in duplicate) with fee of \$130. Check # 231277
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1. SUBMISSION OF PRIORITY DOCUMENT with a certified copy of:  
Japan 2003-134576

SUGHRUE MION, PLLC

Telephone: (202) 293-7060

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WASHINGTON OFFICE

**23373**

CUSTOMER NUMBER

DOCKET NO.: Q76236  
ATTORNEY/SEC: GKR/cdk  
Date Filed: September 25, 2003





PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q76236

KOSUGI, Yasuhiko

Appln. No.: 10/607,215

Prior Group Ait Unit: 2854

Confirmation No.: Unknown

Examiner: Unknown

Filed: June 27, 2003

For: PRINTING APPARATUS AND INK CARTRIDGE THEREFOR

SUBMISSION OF EXECUTED DECLARATION

MAIL STOP MISSING PARTS

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

FILED

SEP 25 2003

Sir:

In view of the application filed on June 27, 2003 without the appropriate executed documents, and since Applicant's attorney has not yet received the "Notice to File Missing Parts of Nonprovisional Application filed under 37 CFR 1.53(b) - Filing Date Granted," for the above application, Applicant submits herewith a copy of the Declaration for the above identified application properly executed by the inventors. Also enclosed please find Assignment, and Submission of Priority Document.

A check for the statutory fee of \$130.00 is attached. The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this paper is attached.

Respectfully submitted,

Grant K. Rowan  
Registration No. 41,278

SUGHRIE MION, PLLC  
Telephone: (202) 293-7060  
Facsimile: (202) 293-7860

WASHINGTON OFFICE  
23373  
CUSTOMER NUMBER

Date: September 25, 2003

# Declaration and Power of Attorney for Patent Application

## 特許出願宣言書および委任状

### Japanese Language Declaration

私は下記発明者として以下の通り宣言します：

As a below named inventor, I hereby declare that:

私の住所、郵送先、および国籍は私の氏名の後に記載された通りです。

My residence, mailing address and citizenship are as stated next to my name.

下記名称の発明に関し請求範囲に記載され特許出願がされている発明内容につき、私が最初、最先かつ唯一の発明者（下記氏名が一つのみの場合）であるか、あるいは最初、最先かつ共同発明者（下記氏名が複数の場合）であると信じます。

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

印刷装置、インクカートリッジ  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

PRINTING APPARATUS AND INK CARTRIDGE  
THEREFOR

下記項目にx印が付いている場合を除き、上記発明の明細書は本書に添付されます。

the specification of which is attached hereto unless the following box is checked:

2003年6月27日に提出され、米国出願番号または  
特許協定条約 国際出願番号を \_\_\_\_\_ とし、  
(該当する場合) \_\_\_\_\_ に訂正されました。

was filed on June 27, 2003  
as United States Application Number \_\_\_\_\_ or PCT  
International Application Number \_\_\_\_\_  
and was amended on \_\_\_\_\_  
(if applicable).

私は特許請求範囲を含み上述の補正で補正された前記明細書の内容を検討し、理解していることをここに表明します。

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

私は連邦規則法典第37編1条56項に定義される特許性に肝要な情報について開示義務があることを認めます。

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

## Japanese Language Declaration

私は米国法典第35編119条(a)-  
(d)あるいは365条(b)に基づき特許あるいは発明者証書の下記外国出願、または365条(a)に基づき米国以外の少なくとも1ヶ国を指定した下記PCT外国出願についての外国優先権をここに主張するとともに、下記項目にx印を付けることにより優先権を主張する出願以前の出願日を有する特許あるいは発明者証書の外国出願あるいはPCT外国出願を示します。

Prior foreign application(s)  
外国での先行出願

2000-369904  
(Number)  
(番号)

Japan  
(Country)  
(国名)

2000-369905  
(Number)  
(番号)

Japan  
(Country)  
(国名)

私は米国法典第35編119条(e)に基づき下記の米国仮特許の利益をここに主張します。

(Application No.)  
(出願番号)

(Filing Date)  
(出願日)

(Application No.)  
(出願番号)

(Filing Date)  
(出願日)

私は米国法典第35編120条に基づき下記米国特許出願、あるいは365条(c)に基づき米国を指定する下記PCT国際特許出願の利益をここに主張し、本特許出願内特許請求範囲の各項目の内容が米国法典第35編112条の最初の項に規定される方法により先行米国あるいはPCT国際特許出願で開示されていない限りにおいて連邦規則法典第37編1条56項に定義される特許性に肝要で、先行特許出願の出願日から本特許出願の国内あるいはPCTの出願日までの間に入手された情報について開示義務があることを認めます。

10/388,526  
(Application No.)  
(出願番号)

March 17, 2003  
(Filing Date)  
(出願日)

10/002,164  
(Application No.)  
(出願番号)

December 5, 2001  
(Filing Date)  
(出願日)

私は本宣言書内で私自身の知識に基づいてなされたすべての陳述が真実であり、情報および信ずるところに基づいてなされたすべての陳述が真実であると信じられていることをここに宣言し、さらに故意になされた虚偽の陳述等々は米国法典第18編1001条に基づき罰金あるいは拘禁または両方による処罰にあたり、またかのような故意による虚偽の陳述はそれに基づく特許出願あるいは成立特許の有効性を危うくする可能性があることを認識した上でこれらの陳述をなしたこと宣言します。

I hereby claim foreign priority under Title 35, United States Code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below, and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Priority Claimed  
優先権の主張  
Yes  No   
有り 無し

December 5, 2000  
(Day/Month/Year Filed)  
(出願年月日)

December 5, 2000  
(Day/Month/Year Filed)  
(出願年月日)

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below.

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

Pending  
(Status: patented, pending, abandoned)  
(状態: 特許成立済、係属中、放棄済)

Patented (U.S. Patent No. 6,585,345)  
(Status: patented, pending, abandoned)  
(状態: 特許成立済、係属中、放棄済)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

## Japanese Language Declaration

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(d)あるいは365条(b)に基づき特許あるいは発明者証書の下記外国出願、または365条(a)に基づき米国以外の少なくとも1ヶ国を指定した下記PCT外国出願についての外国優先権をここに主張するとともに、下記項目にx印を付けることにより優先権を主張する出願以前の出願日を有する特許あるいは発明者証書の外国出願あるいはPCT外国出願を示します。

I hereby claim foreign priority under Title 35, United States Code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below, and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Prior foreign application(s)  
外国での先行出願

2001-367075  
(Number)  
(番号)

Japan  
(Country)  
(国名)

2003-134576  
(Number)  
(番号)

Japan  
(Country)  
(国名)

私は米国法典第35編119条(e)に基づき下記の米国仮特許の利益をここに主張します。

(Application No.)  
(出願番号)

(Filing Date)  
(出願日)

(Application No.)  
(出願番号)

(Filing Date)  
(出願日)

私は米国法典第35編120条に基づき下記米国特許出願、あるいは365条(c)に基づき米国を指定する下記PCT国際特許出願の利益をここに主張し、本特許出願内特許請求範囲の各項目の内容が米国法典第35編112条の最初の項に規定される方法により先行米国あるいはPCT国際特許出願で開示されていない限りにおいて連邦規則法典第37編1条56項に定義される特許性に肝要で、先行特許出願の出願日から本特許出願の国内あるいはPCTの出願日までの間に入手された情報について開示義務があることを認めます。

(Application No.)  
(出願番号)

(Filing Date)  
(出願日)

(Application No.)  
(出願番号)

(Filing Date)  
(出願日)

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November 30, 2001  
(Day/Month/Year Filed)  
(出願年月日)

May 13, 2003  
(Day/Month/Year Filed)  
(出願年月日)

Priority Claimed  
優先権の主張  
Yes  No   
有り 無し

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below.

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

(Status: patented, pending, abandoned)  
(状態：特許成立済、係属中、放棄済)

(Status: patented, pending, abandoned)  
(状態：特許成立済、係属中、放棄済)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

## Japanese Language Declaration

委任状：私は下記の米国特許商標局（USPTO）顧客番号のもとに記載されるSUGHRUE MION法律事務所のすべての弁護士を、同顧客番号のもとに記載される個々の弁護士はSughrue Mion法律事務所のみの自由裁量に基づき変更され得ることを認識した上で、本特許出願の手続きおよびそれに関わる特許商標局との業務を遂行する弁護士として指名し、本特許出願に関するすべての通信が同USPTO顧客番号のもとに提出された住所宛に送付されることを要請します。

**POWER OF ATTORNEY:** I hereby appoint all attorneys of SUGHRUE MION, PLLC who are listed under the USPTO Customer Number shown below as my attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, recognizing that the specific attorneys listed under that Customer Number may be changed from time to time at the sole discretion of Sughrue Mion, PLLC, and request that all correspondence about the application be addressed to the address filed under the same USPTO Customer Number.

**\*23373\***

23373

PATENT TRADEMARK OFFICE

電話連絡は下記へ：（名前および電話番号）

SUGHRUE MION, PLLC  
+1 (202) 293-7060

Direct Telephone Calls to: (name and telephone number)

SUGHRUE MION, PLLC  
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唯一あるいは第一の発明者名  小杉 康彦	Full name of sole or first inventor  Yasuhiko KOSUGI
発明者の署名  小杉康彦	日付  2003年8月28日
住所  日本国、長野県	Inventor's signature  Yasuhiko Kosugi
国籍  日本	Date  Aug 28, 2003
郵送先  392-8502 日本国長野県諏訪市大和3丁目3番5号 セイコーエプソン株式会社内	Residence  Nagano-ken, Japan
国籍  日本	Citizenship  Japan
郵送先  392-8502 日本国長野県諏訪市大和3丁目3番5号 セイコーエプソン株式会社内	Mailing Address  c/o Seiko Epson Corporation 3-5, Owa 3-chome, Suwa-shi, Nagano-ken 392-8502 Japan
第二の共同発明者（該当する場合）	
第二発明者の署名	Full name of second joint inventor, if any
住所	Second inventor's signature
国籍	Date
郵送先	Residence
	Citizenship
	Mailing Address

Sughrue 2100 PENNSYLVANIA AVENUE, N.W. WASHINGTON, D.C. 20037-3213

INVOICE DATE	INVOICE NO.	OPER: CDK 124001 Q76236	GROSS	NET INVOICE
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231276	09/25/03	10456
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231276  
SUNTRUST  
SunTrust Bank

DATE 09/25/03  
65-270  
550

AMOUNT  
\*\*\$40.00\*\*

NON-NEGOTIABLE

*Johnnie C. Walker*

\*\*FORTY AND 00/100 DOLLARS\*\*

PAY TO THE ORDER OF  
COMMISSIONER OF PATENTS  
AND TRADEMARKS

U.S. Appln No. 10/607,815

# 2212276# 1055002707# 208548885#

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MODIFIED Form PTO-1595  
(Rev. 10/02)RECORDATION FORM COVER SHEET  
PATENTS ONLYU.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): KOSUGI, Yasuhiko		2. Name and address of receiving party(ies): SEIKO EPSON CORPORATION 4-1, Nishi-shinjuku 2-chome Shinjuku-ku, Tokyo, Japan
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____		
Execution Date: August 28, 2003		Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is:		
A. Patent Application No.(s) 10/607,215		B. Patent No.(s)
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
5. Name and address of party to whom correspondence concerning document should be mailed:  SUGHRUE MION, PLLC WASHINGTON OFFICE 23373 CUSTOMER NUMBER		6. Total number of applications and patents involved: 1
		7. Total fee (37 CFR 3.41): \$80.00 <input checked="" type="checkbox"/> Enclosed. <input type="checkbox"/> Authorized to be charged to Deposit Account No. 19-4880. The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.
8. Deposit Account Number: 19-4880 (Attach duplicate copy of this page if paying by deposit account)		
DO NOT USE THIS SPACE		
9. Statement and signature.  <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i>		
Grant K. Rowan		September 25, 2003 Date
Reg. No. 41,278		
Total number of pages including cover sheet, attachments, and documents: 2		
Mail documents to be recorded with required cover sheet information to: MAIL STOP ASSIGNMENT RECORDATION SERVICES Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 23313-1450		

## Assignment

Whereas, I/We, Yasuhiko KOSUGI of Nagano-ken, Japan, hereinafter called assignor(s), have invented certain improvements in PRINTING APPARATUS AND INK CARTRIDGE THEREFOR and executed an application for Letters Patent of the United States of America therefor on \_\_\_\_\_. Such application was filed on June 27, 2003, and is a Continuation-In-Part Application of U.S. Appln. No. 10/388,526, which was filed on March 17, 2003, and is a Divisional Application of U.S. Appln. No. 10/002,164, which was filed on December 5, 2001, and issued as U.S. Patent No. 6,585,345.

Whereas, SEIKO EPSON CORPORATION, 4-1, Nishi-shinjuku 2-chome, Shinjuku-ku, Tokyo, Japan (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

*SEP 25 2003*  
I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number 10/607,215 and Confirmation number \_\_\_\_\_, filed 06/20/03) the application number and filing date of said application when known.

Date: Aug 28, 2003

*Yasuhiko Kosugi*

s/Yasuhiko KOSUGI

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)